4/13/01

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RAW SEQUENCE LISTING DATE: 04/13/2001 PATENT APPLICATION: US/09/756,398B TIME: 13:05:03

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4 <110> APPLICANT: Le, Junming
         Vilcek, Jan
 6
         Daddona, Peter
         Ghrayeb, John
         Knight, David M.
         Siegel, Scott
11 <120> TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
         Human Tumor Necrosis Factor
15 <130> FILE REFERENCE: 0975.1005-006
17 <140> CURRENT APPLICATION NUMBER: US 09/756,398B
18 <141> CURRENT FILING DATE: 2001-01-08
20 <150> PRIOR APPLICATION NUMBER: U.S. 09/133,119
21 <151> PRIOR FILING DATE: 1998-08-12
23 <150> PRIOR APPLICATION NUMBER: U.S. 08/570,674
24 <151> PRIOR FILING DATE: 1995-12-11
26 <150> PRIOR APPLICATION NUMBER: U.S. 08/324,799
27 <151> PRIOR FILING DATE: 1994-10-18
29 <150> PRIOR APPLICATION NUMBER: U.S. 08/192,102
30 <151> PRIOR FILING DATE: 1994-02-04
32 <150> PRIOR APPLICATION NUMBER: U.S. 08/192,861
33 <151> PRIOR FILING DATE: 1994-02-04
35 <150> PRIOR APPLICATION NUMBER: U.S. 08/192,093
36 <151> PRIOR FILING DATE: 1994-02-04
38 <150> PRIOR APPLICATION NUMBER: U.S. 08/010,406
39 <151> PRIOR FILING DATE: 1993-01-29
41 <150> PRIOR APPLICATION NUMBER: U.S. 08/013,413
42 <151> PRIOR FILING DATE: 1993-02-02
44 <150> PRIOR APPLICATION NUMBER: U.S. 07/943,852
45 <151> PRIOR FILING DATE: 1992-09-11
47 <150> PRIOR APPLICATION NUMBER: U.S. 07/853,606
48 <151> PRIOR FILING DATE: 1992-03-18
50 <150> PRIOR APPLICATION NUMBER: U.S.07/670,827
51 <151> PRIOR FILING DATE: 1991-03-18
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                                   25
.67 Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu
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69 Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe
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71 Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
                       70
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73 Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala
                   85
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75 Ile Lys Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys
76
               100
                                    105
77 Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys
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78
                               120
                                                   125
79 Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe
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82 145
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96 Asp Ile Leu Leu Thr Gln Ser Pro Ala Ile Leu Ser Val Ser Pro Gly
97 1
                    5
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99 gaa aga gtc agt ttc tcc tgc agg gcc agt cag ttc gtt ggc tca agc
100 Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser
                                     25
                                                         30
103 atc cac tgg tat cag caa aga aca aat ggt tct cca agg ctt ctc ata
104 Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
            35
107 aag tat get tet gag tet atg tet ggg ate eet tee agg ttt agt gge
                                                                       192
108 Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
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111 agt gga tca ggg aca gat ttt act ctt agc atc aac act gtg gag tct
                                                                       240
112 Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
113 65
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                                             75
115 gaa gat att gca gat tat tac tgt caa caa agt cat agc tgg cca ttc
                                                                       288
116 Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe
117
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119 acg ttc ggc tcg ggg aca aat ttg gaa gta aaa
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125 <211> LENGTH: 107
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134 Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
136 Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
                            55
138 Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
139 65
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140 Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe
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160 tcc atg aaa ctc tcc tgt gtt gcc tct gga ttc att ttc agt aac cac
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161 Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
162
                 20
164 tgg atg aac tgg gtc cgc cag tct cca gag aag ggg ctt gag tgg gtt
                                                                       144
165 Trp Met Asn Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val
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168 gct gaa att aga tca aaa tct att aat tct gca aca cat tat gcg gag
169 Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
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                             55
172 tct gtg aaa ggg agg ttc acc atc tca aga gat gat tcc aaa agt gct
                                                                       240
173 Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Ala
                       . 70
                                             75
176 gtc tac ctg caa atg acc gac tta aga act gaa gac act ggc gtt tat
                                                                       288
177 Val Tyr Leu Gln Met Thr Asp Leu Arg Thr Glu Asp Thr Gly Val Tyr
                     85
                                         90
180 tac tgt tcc agg aat tac tac ggt agt acc tac gac tac tgg ggc caa
                                                                       336
181 Tyr Cys Ser Arg Asn Tyr Tyr Gly Ser Thr Tyr Asp Tyr Trp Gly Gln
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184 ggc acc act ctc aca gtc tcc
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185 Gly Thr Thr Leu Thr Val Ser
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197 Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
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201 Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
202
                            55
203 Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Ala
204 65
                        70
205 Val Tyr Leu Gln Met Thr Asp Leu Arg Thr Glu Asp Thr Gly Val Tyr
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207 Tyr Cys Ser Arg Asn Tyr Tyr Gly Ser Thr Tyr Asp Tyr Trp Gly Gln
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209 Gly Thr Thr Leu Thr Val Ser
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216 <213> ORGANISM: Homo sapiens
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224 <211> LENGTH: 7
225 <212> TYPE: PRT
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229 Gly Thr Lys Leu Glu Ile Lys
233 <210> SEQ ID NO: 8
234 <211> LENGTH: 20
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
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239 <223> OTHER INFORMATION: PCR oligonucleotides
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243 cctggatacc tgtgaaaaga
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248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
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VERIFICATION SUMMARY

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